

Neutrinos, Flavour and Beyond

Monday, 6 June 2022

Morning session: Blackboard lectures with discussion (09:30 - 13:30)

time	[id] title	presenter
09:30	[3] Welcome by the organizers	NEUBERT, Matthias GIULIA, Ricciardi
10:00	[2] Cosmic neutrino background	BAUER, Martin
11:30	Refreshments	
12:00	[4] Warped solution to the axion quality problem	GHERGHETTA, Tony

Tuesday, 7 June 2022

Morning session: Blackboard lectures with discussion (09:30 - 13:00)

time	[id] title	presenter
09:30	[7] Introduction to modular invariance	FERUGLIO, Ferruccio
11:00	Refreshments	
11:30	[8] Baryon transport and degenerate Fermi gas	TRAUTNER, Andreas

Wednesday, 8 June 2022

Morning session: Blackboard lectures with discussion (09:30 - 13:00)

time	[id] title	presenter
09:30	[10] Modular invariance model building	TANIMOTO, Morimitsu
11:00	Refreshments	
11:30	[11] Relic supernova neutrinos as probes of fundamental physics	SEN, Manibrata

Thursday, 9 June 2022

Morning session: Blackboard lectures with discussion (09:30 - 13:00)

time	[id] title	presenter
09:30	[13] Effective comparison of lepton models	FRIGERIO, Michele
11:00	Refreshments	
11:30	[14] Heavy neutral leptons in effective field theory	TITOV, Arsenii

Tuesday, 14 June 2022

Morning session: Blackboard lectures with discussion (09:30 - 13:00)

time	[id] title	presenter
09:30	[16] Primordial black hole evaporation and its effect on particle production in the early universe	PEREZ-GONZALEZ, Yuber
11:00	Refreshments	
11:30	[17] Neutrino propagation in a dark medium of an ultra-light scalar	CHUN, Eung Jin

Wednesday, 15 June 2022

Morning session: Blackboard lectures with discussion (09:30 - 13:00)

time	[id] title	presenter
09:30	[19] Neutral-current non-standard interactions of solar neutrinos	FOLDENAUER, Patrick
11:00	Refreshments	
11:30	[20] Neutrino magnetic moments and non-standard interactions	JANA, Sudip

Thursday, 16 June 2022

Morning session: Blackboard lectures with discussion (09:30 - 13:00)

time	[id] title	presenter
09:30	[21] Signatures of new light particles from primordial black hole evaporation	SAVIANO, Ninetta
11:00	Refreshments	
11:30	[22] Leptogenesis, black holes and gravitational waves	TURNER, Jessica

Friday, 17 June 2022

Morning session: Blackboard lectures with discussion (09:30 - 13:00)

time	[id] title	presenter
09:30	[24] Resonances in neutrino-electron scattering below a TeV	BRDAR, Vedran
11:00	Refreshments	
11:30	[25] On the construction of HQET and NRQCD operators	PAZ, Gil